	Application No.	Applicant(s)
Notice of Allowability	09/652,748	HODGINS ET AL.
	Examiner	Art Unit	
	Phuongchau Ba Nguyen	2665	

-- The *MAILING DATE* of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *8-31-00 & interveiw 9-29-04*.

2. ☒ The allowed claim(s) is/are *37,39,40,42,43,45,46,48; Renumbered as 1-8 respectively*.

3. ☒ The drawings filed on *31 August 2000* are accepted by the Examiner.

4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☒ Certified copies of the priority documents have been received in Application No. *08/979,474* .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

    Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date *8-31-00*

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *9-29-04* .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

EXAMINER'S AMENDMENT

1.   An examiner's amendment to the record appears below. Should the changes

and/or additions be unacceptable to applicant, an amendment may be filed as provided

by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be

submitted no later than the payment of the issue fee.

2.   Authorization for this examiner's amendment was given in a telephone interview

with Mr. Frommer on 9-29-04.

3.   The application has been amended as follows:

Claim 37, line 13:

---- , wherein the burst data includes payload for a predetermined protocol, and

further comprising:

        receiving packetisation parameters including at least a size of the payload

from the host;

        generating the write address so that a space for protocol header of the

predetermined protocol is reserved in the buffer according to the packetisation

parameters;

        transferring the protocol header in a burst from the host to the buffer via

the bus;

        writing the protocol header in the reserved space in the buffer;

        receiving a partial checksum calculated by the host;

updating the partial checksum to obtain a complete checksum; and

filling the complete checksum into the protocol header in the buffer when

the protocol header and the payload have been written in the buffer--- has been

inserted after the word "fashion".

Claims 38 & 41 had been canceled.

Claim 43, line 11:

---- , wherein the burst data includes payload for a predetermined protocol, and

the means for providing receive packetisation parameters including at least a

size of the payload from the host and generate the write addresses so that a

space for a protocol header of the predetermined protocol is reserved in the

buffer according to the packetisation parameters, and the buffer receives the

protocol header in a burst from the host via the bus and stores the protocol

header in the reserved space; and means for receiving a partial checksum

calculated by the host, updating the partial checksum to obtain a complete

checksum and filling the complete checksum into the protocol header in the

buffer when the protocol header and the payload have been written in the buffer--

--- had been inserted after the word "fashion".

Claims 44 & 47 had been canceled.

4.   The following is an examiner's statement of reasons for allowance:

Regarding claims 37, 39, 40, 42, 43, 45, 46, 48, the prior art fails to teach or

suggest a method or apparatus for streaming data from a storage device comprising

"the burst data includes payload for a predetermined protocol, and the means for

providing receive packetisation parameters including at least a size of the payload from

the host and generate the write addresses so that a space for a protocol header of the

predetermined protocol is reserved in the buffer according to the packetisation

parameters, and the buffer receives the protocol header in a burst from the host via the

bus and stores the protocol header in the reserved space; and means for receiving a

partial checksum calculated by the host, updating the partial checksum to obtain a

complete checksum and filling the complete checksum into the protocol header in the

buffer when the protocol header and the payload have been written in the buffer," in

combination with other limitations , as specified in the independent claims 37 and 43.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on

Statement of Reasons for Allowance."

5.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Phuongchau Ba Nguyen whose telephone number is

571-272-3148. The examiner can normally be reached on Monday-Friday from 10:00

a.m. to 2:00 p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Huy Vu can be reached on 571-272-3155. The fax phone number for the

organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see http://pair-direct.uspto.gov. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free).

Phuongchau Ba Nguyen
Examiner
Art Unit 2665

DUC HO
PRIMARY EXAMINER

9-30-04